

**ABSTRACT**

The present invention relates to therapeutic agents useful for the treatment of Severe Acute Respiratory Syndrome (SARS) in humans. In particular, the present invention relates to RNA interference (RNAi) molecules useful for inhibiting the infection and replication of hSARS virus. Preferably, the RNAi molecules target the replicase region of the hSARS virus, or combinations of different sites of hSARS virus genes. The present invention further encompasses methods of using the RNAi molecules for preventing and/or treating SARS. Vaccines and kits comprising therapeutically effective amounts of the RNAi molecules are also encompassed.